



SEQUENCE LISTING

<110> Wang, Huaming  
van Gastel, Frans  
Aehle, Wolfgang  
Rodrigues, Ana  
Topozada, Amr

<120> Phenol Oxidizing Enzyme Variants

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<140> US 09/656,640

<141> 2000-09-07

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<213> Stachybotrys chartarum

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TECH CENTER 1600/2900

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<213> Stachybotrys chartarum

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Thr Val Pro Asn Pro Asn Thr Gly Glu Asp Ile Leu Tyr Tyr Glu Met  
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Phe Asp Gly Trp Ala Glu Asp Thr Thr Gln Pro Gly Glu Tyr Lys Asp  
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His Ala Met Ser Ile Thr Ala Glu Asn Ala Tyr Met Gly Gln Ala Gly  
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Val Tyr Met Ile Gln Asp Pro Ala Glu Asp Ala Leu Asn Leu Pro Ser  
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Thr Ser Glu Val Pro Ala Asn Leu Arg Asp Val Pro Phe Pro Glu Gly

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Trp Arg Leu Glu Asn Asn Ser Asn Gly Trp Thr His Pro Val His Ile		
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Tyr Met Leu His Cys His Asn Leu Ile His Glu Asp His Asp Met Met		
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Ala Ala Phe Asn Val Thr Val Leu Gly Asp Tyr Gly Tyr Asn Tyr Thr		
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<213> *Stachybotrys chartarum*

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<211> 572

<212> PRT

<213> Myrothecium verucaria

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Ile	Lys	Pro	Phe	Thr	His	Gln	Val	Tyr	Pro	Asp	Leu	Gly	Ser	Ala	Asp
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His	Ile	Thr	Ala	Glu	Asn	Ala	Tyr	Arg	Gly	Gln	Ala	Gly	Leu	Tyr	Met
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Leu	Thr	Asp	Pro	Ala	Glu	Asp	Ala	Leu	Asn	Leu	Pro	Ser	Gly	Tyr	Gly
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Val Leu Pro Asp Tyr Gly Tyr Asn Ala Thr Val Phe Val Asp Pro Met  
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concl.